

Product:**Podophyllotoxin****ALTERNATE NAME:**

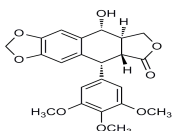
(10*R*,11*R*,15*R*,16*R*)-16-hydroxy-10-(3,4,5-trimethoxyphenyl)-4,6,13-trioxatetracyclo[7.7.0.0^{3,7}.0^{11,15}]hexadeca-1,3(7),8-trien-12-one ; (-)-Podophyllotoxin; Condylone; Condylon; NSC 24818; Podofilox;PPT

CATALOG #:

2767-50, 250

AMOUNT:

50 mg, 250 mg

STRUCTURE:**MOLECULAR FORMULA:**C₂₂H₂₂O₈**MOLECULAR WEIGHT:**

414.41

CAS NUMBER:

518-28-5, 4354-76-1

APPEARANCE:

White to off-white solid

SOLUBILITY:

EtOH (>35 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from light and moisture

DESCRIPTION:

Podophyllotoxin is a potent inhibitor of microtubule assembly and DNA topoisomerase II. Displays anticancer properties. Also antiviral and antihelminthic.

REFERENCE:

Prasad, V., *et al.* (1998). *J. Protein Chem.* **17**, 663-668.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Betulinic Acid (Cat. No. 1552-25)

Bexarotene (Cat. No. 1575-5, 50)

Capecitabine (Cat. No. 1741-100, 1000)

Carboplatin (Cat. No. 1553-100)

Cisplatin (Cat. No. 1550-100,1000)

Daunorubicin.HCl (1524-10,50,500)

Doxorubicin HCl (Cat. No. 1527-5)

(-)-Epigallocatechin gallate (Cat. No. 1841-50)

Fludarabine Phosphate (Cat. No. 1763-10, 50)

Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)

Genistein (Cat. No. 1533-10)

Nedaplatin (Cat. No. 1576-5)

Oxaliplatin (Cat. No. 1577-25)

Piperlongumine (Cat. No. 1919-10, 50)

Paclitaxel (Cat. No. 1567-25)

Pixantrone maleate (Cat. No. 1958-5, 25)

Tamoxifen Citrate (Cat. No. 1551-1000)

Vinorelbine tartrate (Cat. No. 1957-5, 25)

FOR RESEARCH USE ONLY! Not to be used on humans.